

CONTENTS OF VOLUME 17

NUMBER 1

1 MODIFIED TRANSITION MATRIX AND FAULT TESTING IN
SEQUENTIAL LOGIC CIRCUITS UNDER RANDOM STIMULI
WITH A SPECIFIED MEASURE OF CONFIDENCE
Sunil R. Das and Wen B. Jone

13 ORGANIZATIONAL HUMANITY AND ARCHITECTURE:
DUALITY AND COMPLEMENTARITY OF PAPA-LOGIC AND
MAMA-LOGIC IN MANAGERIAL CONCEPTUALIZATIONS
OF CHANGE
Gerrit Broekstra

43 CONTROLLED RETURN TO EQUILIBRIUM OF A
DYNAMICAL SYSTEM
Claudia Lidia Simionescu-Badea

67 ON THE NOTION OF STATE IN MATHEMATICAL SYSTEMS
THEORY
Bernd Reusch

79 SELF-AUTHORIZATION: A CHARACTERISTIC OF SOME
ELEMENTS IN CERTAIN SELF-ORGANIZING SYSTEMS
Stuart A. Umpleby

89 CONVOLUTIONAL CODES FOR PHASE-MODULATED
CHANNELS
Jaakko Astola

FOLLOWING PAGE 101:

- INTERNATIONAL CYBERNETICS NEWSLETTER,
THIRTY-FOURTH QUARTERLY ISSUE

NUMBERS 2-3

103 POLICY CONTROL THROUGH SOCIAL MONITORING
Miron Mushkat

125 APPLICATION OF A PERTURBATION THEORY FOR
EVALUATION ALGORITHMS FOR IDENTIFICATION OF A
CONTINUOUS PLANT FROM DISCRETE DATA
M. De La Sen

151 ON A GENERIC MODELING PROCESS OF AN EXPERT
SYSTEM FOR ETHICAL ORGANIZATIONAL
ADMINISTRATION
James Steve Counelis

169 SHORT-TERM MEMORY AS A METASTABLE STATE. III.
DIFFUSION APPROXIMATION
**A. B. Kirillov, G. N. Borisyuk, R. M. Borisyuk, Ye. I.
Kovalenko, and V. I. Kryukov**

183 CYBERNETIC APPROACH TO MEANINGFUL MEASURES OF
MERIT
Robert S. Tripp, John M. Parson, and Larry B. Rainey

211 DESIGN OF A CONTROL ROOM FOR THE AIR
FORCE LOGISTICS COMMAND (AFLC) COMMAND,
CONTROL, AND COMMUNICATION AND INTELLIGENCE
(C³I) SYSTEM
Robert S. Tripp and Larry B. Rainey

FOLLOWING PAGE 235:

- **INTERNATIONAL CYBERNETICS NEWSLETTER,
THIRTY-FIFTH QUARTERLY ISSUE**

NUMBER 4

**237 TADEUSZ KOTARBINSKI AND HIS GENERAL
METHODOLOGY: LECTURE IN HONOR OF THE 100TH
ANNIVERSARY OF THE FOUNDING FATHER OF
PRAXIOLOGY**
Wojciech Gasparski

249 DEMON-BASED ASSOCIATIVE MEMORIES
Michael J. Hudak and Daniel H. Marcellus

**277 CHUNKING MECHANISM FOR A KNOWLEDGE
REPRESENTATION SYSTEM**
Amedeo Cappelli, Gianni Caracoglia, and Lorenzo Moretti

**289 APPLICATIONS OF GS LT (GENERAL SYSTEM LOGICAL
THEORY) TO CONTROL IN TRANSFORMATION SYSTEMS**
Germano Resconi

FOLLOWING PAGE 329:

- **INTERNATIONAL CYBERNETICS NEWSLETTER,
THIRTY-SIXTH QUARTERLY ISSUE**
- **TITLE PAGE TO VOLUME 17
CONTENTS OF VOLUME 17
INDEX TO VOLUME 17**